

REMARKS

Claims 1-23 are pending in this application.

Claims 1-23 have been rejected.

Claims 1, 8, and 12 have been objected to.

Claims 1-23 remain in this application.

Reconsideration of claims 1-23 as amended is respectfully requested.

Claim Objections

Claims 1, 8, and 12 have been amended to correct the informalities noted by the Examiner.

Claim Rejections – 35 U.S.C. § 102

Claims 1-3, 7-11, 14-16, 18, 19, 21, and 22 were rejected under 35 USC 102(e), as being anticipated by Glitho et al. (U.S. Patent No. 6,614,784; hereinafter "Glitho").

Applicant's invention provides an interception call signaling method and apparatus in a voice frame network. Applicant's system includes a gatekeeper and an intelligent peripheral. The gatekeeper in applicant's system is operated or configured as a supplemental service provider (SSP) that requests a service from the performer, e.g., the intelligent peripheral. See applicant's specification, page 11, lines 18-20.

The Glitho reference discloses a system and method of service provisioning in an integrated telecommunications network. The system shown in Glitho includes a gatekeeper element 106B. However, the gatekeeper 106B disclosed by Glitho does not operate as a supplemental service provider as specified in applicant's claim. Instead, the gatekeeper in Glitho serves as a re-routing or switching entity that interrogates the service node for instantiating a subscriber service. See Glitho, col 8, lines 18-20, col 9, line 37. Furthermore, in the Glitho reference, provisioning of Supplemental services is realized in the SCP service node. See Glitho, col 8, lines 7-10, Figure 4.

Claim 1 recites:

"a voice frame network connectionsaid connection provides supplemental services messaging between the gatekeeper and the intelligent peripheral in accordance with a International H.450 standard protocol, said protocol enabling the gatekeeper to operate as a supplemental services provider (SSP) under the International H.450 standard...."

The fact that the Glitho reference discloses an element that has the same name, as the element recited in applicant's claim does not mean that the Glitho reference teaches the applicant's invention. Applicant's claim 1 specifies a gatekeeper acting as a supplemental service provider. Glitho does not teach a gatekeeper that acts as a supplemental service provider as specifically recited in applicant's claim 1. Therefore, reconsideration and allowance of applicant's claim 1 is respectfully requested.

Claim 8 recites "a protocol enforcing processor that provides supplemental services messaging between the gatekeeper and the intelligent peripheral over said interface processor..."

As explained above, the gatekeeper 106B disclosed by Glitho is a re-routing or switching entity that interrogates the service node for instantiating a subscriber service to operate instead of a supplemental service provider. As such, Glitho does not disclose a protocol enforcing processor that provides supplemental service messaging protocol between the gatekeeper and the intelligent peripheral. Reconsideration and allowance of claim 8 is therefore requested.

Claim 14 recites, "configuring the gatekeeper as a supplemental services provider (SSP) under International H.450 standard."

As explained above, Glitho does not configure the gatekeeper as a supplemental service provider. As such, Glitho does not teach the limitation recited in Claim 14. Reconsideration and allowance of claim 14 is therefore requested.

Claim 18 recites "instructions for configuring the gatekeeper as a supplemental services provider (SSP) under International H.450 standard."

As explained above, Glitho does not disclose a gatekeeper that acts as a supplemental service provider. As such, Glitho does not disclose instructions for configuring the gatekeeper as a Supplemental Service Provider as recited in Claim 18. Reconsideration and allowance of claim 18 is therefore requested.

Claim 21 recites "means for configuring the gatekeeper as a supplemental services provider (SSP) under the International H.450 standard."

As explained above, Glitho does not disclose a gatekeeper that acts as a supplemental service provider. As such, Glitho does not disclose means for configuring the gatekeeper as a Supplemental Service Provider as recited in Claim 21. Reconsideration and allowance of claim 21 is therefore requested.

The above paragraphs have explained why independent claims 1, 8, 14, 18 and 21 are allowable over the Glitho reference. Claims 2-3 and 7, 9-11, 15-16, 19, 22 depend on claims 1, 8, 14, 18, and 21 respectively. Since Glitho does not teach all of the elements as set forth in the independent claims, the dependent claims are allowable for the same reasons as explained above relative to the independent claims. Thus, applicant respectfully request reconsideration and allowance of dependent claims 2-3 and 7, 9-11, 15-16, 19, 22.

Claim Rejections – 35 U.S.C. § 103

Claims 4 and 12 were rejected as obvious over Glitho in view of Blumhardt (U.S. Patent No. 5,535,263). Applicant respectfully requests reconsideration of this rejection for the following reasons.

The Glitho reference was discussed above. The above discussion relative to Glitho also applies to this rejection.

Blumhardt discloses a method for recording subscriber specific messages in a telephone call for use in telephone services, particularly, for use in cooperation with an AIN Service Switching Point (SSP), an AIN Service Control Point (SCP) and an Intelligent Peripheral (IP).

Applicant's claim 12 recites "such selective insertion of one or more messages to the interactive voice response unit including selective insertion of one or more send-to-resource (STR) messages in accordance with the GR-1129-CORE standard."

The Examiner states that Blumhardt discloses the above recited element, citing figure 2, and page 3, lines 1-2. But figure 2 does not show insertion of STR message from the SSP to the IP (intelligence peripheral). Instead, figure 2 shows that STR message is sent from SCP to SSP.

Blumhardt does not disclose selective insertion of the STR to the interactive voice response unit as recited in claim 12, and therefore the combination of Glitho and Blumhardt does not teach all of the limitations recited in claim 12. Reconsideration and allowance of claim 12 is therefore respectfully requested.

Applicant's claim 4 recites " The apparatus of claim 1, wherein such selective insertion of one or more messages to the gatekeeper including selectively inserting one or more send-to-resource (STR) messages in accordance with the GR-1129-CORE standard over the packet switched network."

As explained above, Blumhardt does not teach selective insertion of STR messages to the intelligent peripheral. Thus, the combinations of Glitho and Blumhardt do not teach all of the elements recited in claim 4. Reconsideration and allowance of claim 4 is therefore respectfully requested.

Claims 5 and 6 were rejected as obvious over Glitho in view of " 'Call signaling protocols and media stream packetization for packet-based multimedia communication system' (herein referred to as H.225)".

Claim 5 recites "The apparatus of claim 1, wherein such selective interception includes selective interception of one or more facility (FACILITY) messages in accordance with the International ITU-T H.323 standard."

The H.225 standard does not disclose selective interception of facility messages by the gatekeeper from the intelligent peripheral as recited in Claim 5. Reconsideration and allowance of claim 5 is therefore requested.

Claim 6 depends on Claim 5. Therefore, Claim 6 is also allowable for the same reasons as discussed above relative to claim 5. Reconsideration and allowance of claim 6 is respectfully requested.

Claims 13 was rejected under 35 U.S.C. 103(a) as being unpatentable over Glitho et al. and Blumhardt as applied to claim 12 above and further in view of "Call signaling protocols and media stream packetization for packet-based multimedia communication systems" (herein referred to as H.225).

Claim 13 depends on claim 12. As explained above, the combination of Glitho and Blumhardt do not teach all of the elements as set forth in claim 12. Furthermore as explained above the H.225 standard does not disclose selective interception of facility messages by the gatekeeper from the intelligent peripheral. Reconsideration and allowance of claims 13 is therefore respectfully requested.

Claims 17, 20 and 23 were rejected as unpatentable over Glitho in view of Blumhardt and in further view of Blumhardt, and further in view of "Call signaling protocols and media stream packetization for packet-based multimedia communication system" (herein referred to as H.225)".

Claim 17 recites "configuring the gatekeeper as a supplemental services provider (SSP) under International H.450 standard;...wherein the gatekeeper selectively intercepts one or more messages from the IVR, the gatekeeper selectively inserts one or more messages to the IVR, and such selective interception includes selective interception of one or more facility (FACILITY) messages in accordance with the

International ITU-T H.323 standard, and wherein such selective insertion includes selective insertion of one or more send-to-resource (STR) messages in accordance with the GR-1129-CORE standard.”

As explained above, that Glitho does not configure a gatekeeper as a supplemental service provider, and furthermore, Blumhardt does not teach selective insertion of STR messages to the Interactive voice response unit. Furthermore, the H.225 standard does not disclose selective interception of facility messages by the gatekeeper from the intelligent peripheral.

Thus, the combination of Glitho, Blumhardt and the H.225 do not teach all of the elements recited in claims 17. Reconsideration and allowance of claim 17 is therefore requested.

Claim 20 recites “instructions for configuring the gatekeeper as a supplemental services provider (SSP) under International H.450 standard;...instructions ...for selectively inserting one or more messages to the IVR, ...wherein said instructions for selectively inserting includes instructions for selectively inserting one or more send-to-resource (STR) messages in accordance with the GR-1129-CORE standard.”

As explained above, that Glitho does not disclose instructions for configuring the gatekeeper as a Supplemental Service Provider, and Blumhardt does not teach selective insertion of STR messages to the Interactive voice response unit. Furthermore, the H.225 standard does not disclose selective interception of facility messages by the gatekeeper from the intelligent peripheral. As such, the combinations of Glitho, Blumhardt and H.225 references do not teach all of the elements recited in claims 20. Therefore, reconsideration and allowance of claim 20 is respectfully requested. .

Claim 23 recites “means for configuring the gatekeeper as a supplemental services provider (SSP) under the International H.450 standard; ... means ... for selectively inserting one or more messages to the IVR. ...and wherein said means for

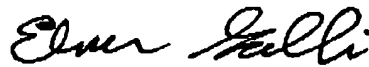
selectively inserting includes means for selectively inserting one or more send-to-resource (STR) messages in accordance with the GR-1129-CORE standard."

As explained above, that Glitho does not disclose means for configuring the gatekeeper as a Supplemental Service Provider, and Blumhardt does not teach selective insertion of STR messages to the Interactive voice response unit. Furthermore, the H.225 standard does not disclose selective interception of facility messages by the gatekeeper from the intelligent peripheral. Thus the combination of Glitho, Blumhardt and H.225 do not teach all of the elements recited in claim 23. Reconsideration and allowance of claim 23 is therefore respectfully requestes.

CONCLUSION

For the foregoing reasons, reconsideration and allowance of claims 1-23 of the application as amended is requested. The Examiner is encouraged to telephone the undersigned at (503) 222-3613 if it appears that an interview would be helpful in advancing this application.

Respectfully submitted,



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